INTERNATIONAL SEARCH REPORT

Int nal Application No PCT/IB2004/051892

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/125 G11B7/0045 G11B7/006 G11B7/0037 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to daim No. X PATENT ABSTRACTS OF JAPAN 1 - 3.8vol. 013, no. 409 (P-931). 11 September 1989 (1989-09-11) -& JP 01 150230 A (HITACHI LTD; others: 01), 13 June 1989 (1989-06-13) abstract 4-7 g US 2002/054556 A1 (MIYAMOTO MAKOTO ET AL) X 1,8 9 May 2002 (2002-05-09) paragraph '0065!; figure 5 Y PATENT ABSTRACTS OF JAPAN vol. 2003, no. 11, 5 November 2003 (2003-11-05) -& JP 2003 208713 A (TDK CORP), 25 July 2003 (2003-07-25) abstract -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication clate of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-'O' document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the internation all filing date but later than the priority date claimed In the art. *&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 25 April 2005 06/05/2005 Name and malling address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fac (+31-70) 340-3016 Chaumeron, B

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